



THE TORONTO AND REGION CONSERVATION AUTHORITY
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Dick O'Brien
Chair

J. Craig Mather
Chief Administrative Officer

NOTICE OF MEETING

EXECUTIVE COMMITTEE #4/03

The next Executive Committee Meeting of The Toronto and Region Conservation Authority will be held on Friday, May 2, 2003 in the Humber Room, Head Office, at 10:30 a.m.

Enclosed please find the Agenda, Minutes of the various Boards and Committees, copies of communications, etc., that will be considered at the meeting.

Authority Members, concerned citizens, and all others receiving a copy of the Agenda and accompanying material are requested to bring them to the meeting, as additional copies will not be available.

If you are missing any attachments or copies or if you require further information regarding this Agenda, please contact Kathy Stranks, at 416-661-6600 ext. 5264 or e-mail at kstranks@trca.on.ca. Please also confirm attendance at the meeting.



THE TORONTO AND REGION CONSERVATION AUTHORITY

Executive Committee Meeting #4/03

Chair:	Dick O'Brien
Vice Chair:	Jim McMaster
Members:	Maria Augimeri
	Lorna Bissell
	Michael Di Biase
	Irene Jones
	Ron Moeser
	Gerri Lynn O'Connor

May 2, 2003
HUMBER ROOM, HEAD OFFICE
10:30 A.M.

AGENDA

- 1. MINUTES OF MEETINGS #2/03 AND #3/03**
(To be circulated as not available at time of agenda circulation)
- 2. BUSINESS ARISING FROM THE MINUTES**
- 3. DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF**
- 4. DELEGATIONS**
- 5. PRESENTATIONS**
- 6. CORRESPONDENCE**
- 7. SECTION I - ITEMS FOR AUTHORITY ACTION**
 - 7.1 NATURAL HERITAGE LANDS AND ACQUISITION PROJECT**
2001-2005
Flood Plain and Conservation Component, Humber River Watershed
Leland Paton
CFN 34281

6-8

7.2	NATURAL HERITAGE LANDS PROTECTION AND ACQUISITION PROJECT, 2001-2005 Flood Plain and Conservation Component, Humber River Watershed Peter and Helen Nikolakakos CFN 31512	9-11
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8.1.1	CITY OF MISSISSAUGA To construct in a flood plain, place fill within a regulated area on Block A, Plan 670, (1204 Bloor Street), in the City of Mississauga, Etobicoke Creek Watershed as located on the property owned by City of Mississauga.	14-16
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8.1.4	BOB WELYKANycz To place fill within a regulated area on Lot 10, Concession C FTH, (4146 Dundas Street West), in the City of Toronto (Etobicoke Community Council Area), Humber River Watershed as located on the property owned by Bob Welykanycz.	19-20

CITY OF VAUGHAN

8.1.5 CITY OF VAUGHAN

To place fill within a regulated area on Lot 10, Concession 9, (Kirby Road), in the City of Vaughan, Humber River Watershed as located on the property owned by City of Vaughan. 20-21

TOWN OF MARKHAM

8.1.6 MARCO POLSINELLI

To place fill within a regulated area on Part Lot 1, Plan 65M-2100, (2 Denby Court), in the Town of Markham, Rouge River Watershed as located on the property owned by Marco Polsinelli. 22-23

8.1.7 PAUL MANDEL

To place fill within a regulated area on Block 22, Plan 65M-2123, Block 42, Plan 65M-2159, (6 Rockley Court), in the Town of Markham, Don River Watershed as located on the property owned by Paul Mandel. 23-24

8.1.8 TOWN OF MARKHAM

To alter a waterway on Lot 16, 17, 18, Concession 6, (north of 16th Avenue, between Kennedy Road and McCowan Road), in the Town of Markham, Rouge River Watershed as located on the property owned by Town of Markham. 24-26

TOWN OF RICHMOND HILL

8.1.9 ARPUN AND SHEILA TORIKIAN

To place fill within a regulated area on Lot 224, Plan 65M-3209, (33 Yukon Drive), in the Town of Richmond Hill, Don River Watershed as located on the property owned by Arpun and Sheila Torikian. 26-27

THE FOLLOWING PERMIT APPLICATIONS ARE ERRATA ITEMS:

CITY OF BRAMPTON

8.1.10 FANSHORE INVESTMENTS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on East Half Lot 14, Concession 7 NDS, (West Side of Goreway Drive between Rose Garden Drive and Cynthia Crescent), in the City of Brampton, Humber River Watershed as located on the property owned by Fanshore Investments Inc. 28-29

CITY OF TORONTO (SCARBOROUGH COMMUNITY)

8.1.11 MORNINGSIDE HEIGHTS LANDOWNERS GROUP LIMITED

To place fill within a regulated area (Staines Road and Steeles Avenue East), in the City of Toronto (Scarborough Community Council Area), Rouge River Watershed as located on the property owned by City of Toronto. 29-31

TOWN OF CALEDON

8.1.12 GEORGIAN TAYLOR WOODS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 8, Concession 7, in the Town of Caledon, Humber River Watershed as located on the property owned by Georgian Taylor Woods Inc./Toronto and Region Conservation Authority. 31-32

TOWN OF RICHMOND HILL

8.1.13 JOSEPH KREINER

To place fill within a regulated area on Part Lot 50, Concession 1 WYS Part Lot 9, 10, Plan 1999, (711 Elgin Mills Road West), in the Town of Richmond Hill, Don River Watershed as located on the property owned by Joseph Kreiner. 32-34

8.1.14 MARK YOUSSEF

To alter a waterway, place fill within a regulated area on Lot 65, Concession 1, (638 Sunset Beach Road), in the Town of Richmond Hill, Humber River Watershed as located on the property owned by Mark Youssef. 34-35

8.1.15 SALIB YOUSSEF

To place fill within a regulated area on Lot 65, Concession 1 Part Lot 65, Plan 65R-14270, (634 Sunset Beach Road), in the Town of Richmond Hill, Humber River Watershed as located on the property owned by Salib Youssef. 35-37

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| 8.5 | DON RIVER WATERSHED HYDROLOGY UPDATE | 44-45 |

- 8.6 TERRESTRIAL NATURAL HERITAGE PROGRAM**
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IMPROVEMENT PROJECT** 48-49
- 9. NEW BUSINESS**

NEXT MEETING OF THE EXECUTIVE COMMITTEE #5/03
TO BE HELD ON JUNE 6, 2003,
IN THE HUMBER ROOM, HEAD OFFICE

J. Craig Mather
Chief Administrative Officer

/ks

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: James W. Dillane, Director, Finance and Business Development

**RE: NATURAL HERITAGE LANDS AND ACQUISITION PROJECT
2001-2005**
Flood Plain and Conservation Component, Humber River Watershed
Leland Paton
CFN 34281

KEY ISSUE

Acquisition of a conservation easement, located west of the 8th Concession Road, north of Sideroad 16, Township of King, Regional Municipality of York, in the Humber River Watershed.

RECOMMENDATION

THE EXECUTIVE COMMITTEE RECOMMENDS THAT a conservation easement for the protection of the environmental features and functions containing 4.27 hectares (10.55 acres), more or less, consisting of an irregular shaped parcel of land be purchased from Leland Paton, said land being Part of Lot 18, Concession 8 and designated as Part 3 on a plan of survey prepared by E. R. Garden Limited, Ontario Land Surveyor, under their project number 02-2891A, Township of King, Regional Municipality of York, west of the 8th Concession Road, north of Sideroad 16;

THAT the purchase price of the easement be \$2.00;

THAT the Authority receive conveyance of the easement required free from encumbrance, subject to existing service easements;

THAT Gardiner Roberts, Barristers & Solicitors, be instructed to complete the transaction at the earliest possible date. All reasonable expenses incurred incidental to the closing for land transfer tax, legal costs, and disbursements are to be paid;

AND FURTHER THAT the appropriate Authority officials be authorized and directed to execute all necessary documentation required.

BACKGROUND

Resolution #A231/00, Authority Meeting #9/00, October 27, 2000, approved the Natural Heritage Lands Protection and Acquisition Project 2001-2005.

Leland Paton has received conditional approval to sever a portion of this farm property for residential purposes. One of the conditions imposed by the Committee of Adjustment requires a conservation easement over a significant environmental feature located on the retained parcel, as identified by Authority staff as part of its review of the Application for Consent.

Negotiations have been conducted with Margaret Black, Barrister and Solicitor, the agent acting on behalf of the owner.

The Director of the Watershed Management Division has reviewed the proposal and is in concurrence with the taking of this easement.

Attached is a plan showing the location of the subject lands.

RATIONALE

The portion of the property subject to the conservation easement is comprised entirely of the Provincially Significant New Scotland Wetland Complex and falls within the Authority's approved master plan for acquisition.

TAXES AND MAINTENANCE

The lands subject to this easement will continue to be in private ownership. As such, the owner will be responsible for taxes and maintenance.

FINANCIAL DETAILS

Funding for this acquisition will be charged to Account 004-11.

Report prepared by: George Leja, extension 5342

For Information contact: George Leja, extension 5342 and Ron Dewell, extension 5245

Date: April 22, 2003

Attachments: 1

Attachment 1



TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: James W. Dillane, Director, Finance and Business Development

RE: **NATURAL HERITAGE LANDS PROTECTION AND ACQUISITION PROJECT,
2001-2005**
Flood Plain and Conservation Component, Humber River Watershed
Peter and Helen Nikolakakos
CFN 31512

KEY ISSUE

Acquisition of the rear portion of a parcel of land located at 43 Mayall Avenue in the City of Toronto (former City of North York), under the "Natural Heritage Lands Protection & Acquisition Project 2001-2005", Floodplain and Conservation Component, Humber Creek Watershed.

RECOMMENDATION

THE EXECUTIVE COMMITTEE RECOMMENDS THAT 0.059 hectares (0.146 acres) more or less, consisting of an irregular shaped parcel of vacant land be purchased from Peter and Helen Nikolakakos, said land being Part of Lot 172, Registered Plan 3855, City of Toronto (former City of North York);

THAT the purchase price be \$26,000.00, with the Authority being responsible for reasonable legal fees and the cost of constructing a 48" chain-link fence between the subject property and Vendor's retained lands;

THAT the Authority receive conveyance of the land required free from encumbrance, subject to existing service easements;

THAT Gardiner, Roberts, Barristers and Solicitors, be instructed to complete the transaction at the earliest possible date. All reasonable expenses incurred incidental to the closing for the land transfer tax, legal costs and disbursements are to be paid;

AND FURTHER THAT the appropriate Authority officials be authorized and directed to execute all necessary documentation required.

BACKGROUND

Resolution #A231/00, Authority Meeting #9/00, October 27, 2000, approved the Natural Heritage Lands Protection and Acquisition Project 2001-2005.

In September 2000, the Authority received a request from the owners of the property at 43 Mayall Avenue, Peter and Helen Nikolakakos, for the Authority to consider purchasing the rear portion of their property, to help to resolve the issue of unauthorized public access to their property at the top of the slope, and along the creek. Some two years earlier, the Authority purchased the rear lands of the adjacent property at 41 Mayall Avenue from Garfield Lenglet, to resolve a similar issue of unauthorized public access. Staff has had numerous discussions with Mr. and Mrs. Nikolakakos over the last two years relating to the purchase of the rear of their property.

Negotiations have been conducted with Mr. Enzo Sallese of Gowlings, Lafleur, Henderson, Barristers and Solicitors.

The Director of the Watershed Management Division has reviewed this proposal and is in concurrence with the acquisition of the property.

A plan illustrating this location is attached.

RATIONALE

This property is located within the Authority's approved Master Plan for Acquisition and consists of valley and flood plain lands of the Black Creek. The subject property has long been identified by Authority staff as a high priority potential acquisition site.

TAXES AND MAINTENANCE

The property will be turned over to the City of Toronto under the existing Management Agreement with the lands being exempt from realty taxes.

FINANCIAL DETAILS

All costs including survey, appraisal, environmental and legal fees are to be charged to account 004-11.

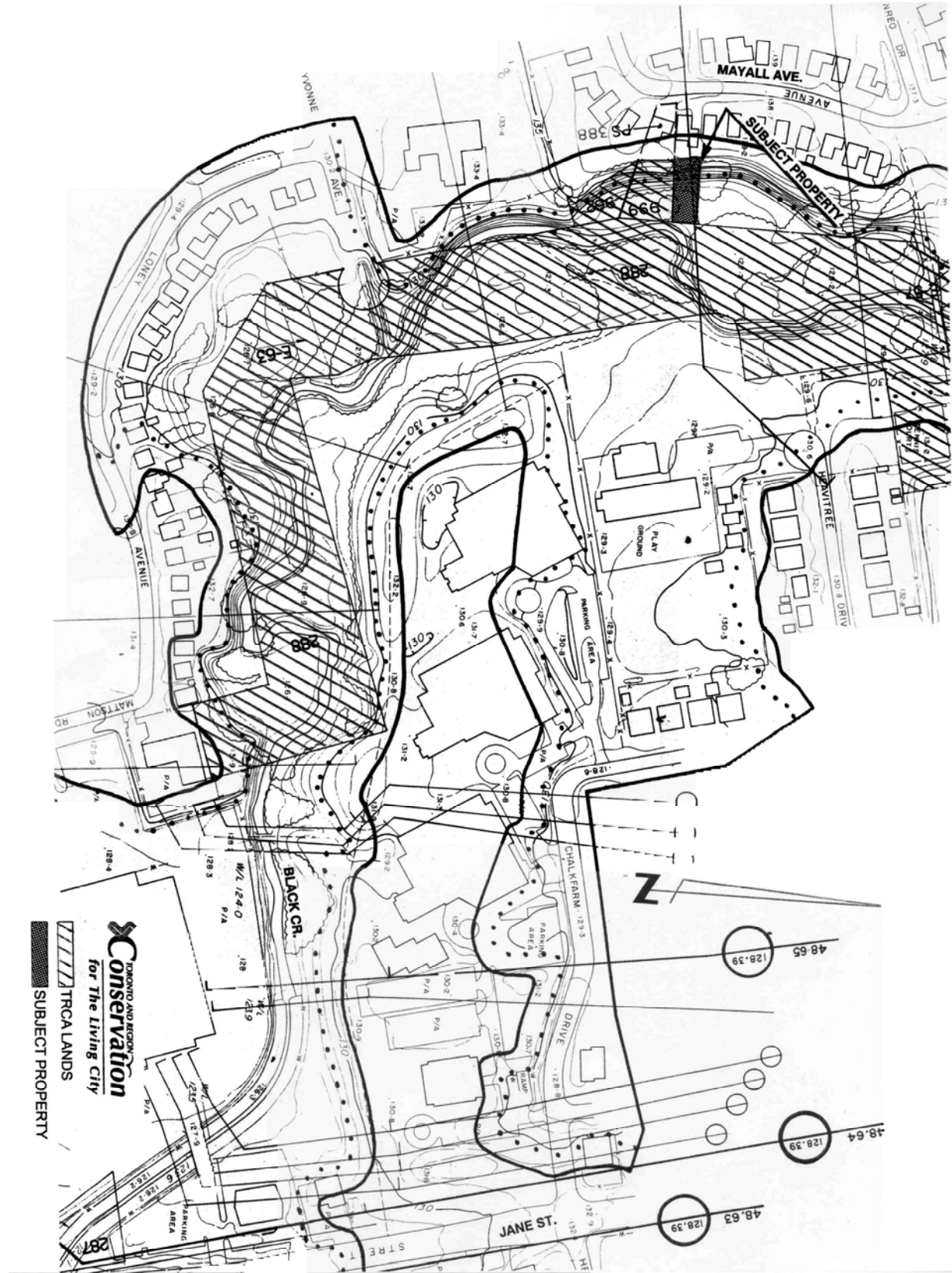
Report prepared by: Tom Campitelli, extension 5335

For Information contact: Tom Campitelli, extension 5335, Ron Dewell, extension 5245

Date: April 22, 2003

Attachments: 1

Attachment 1



TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: James W. Dillane, Director, Finance and Business Development

RE: REQUEST FOR LEASE AND RESTORATION OF THE FORMER PEARCE RESIDENCE, 2262 MEADOWVALE ROAD, IN THE CITY OF TORONTO

KEY ISSUE

The Authority is in receipt of a proposal from the Friends of the Rouge, to lease and restore the historic dwelling, located at 2262 Meadowvale Road, City of Toronto and to use the building as their office.

RECOMMENDATION

THE EXECUTIVE COMMITTEE RECOMMENDS THAT the request for the lease and restoration of the Former Pearce Residence, 2262 Meadowvale Road, City of Toronto, to The Friends of the Rouge be approved subject to completion of a lease agreement satisfactory to the Authority staff and solicitor;

THAT staff be directed to take such action as may be necessary to complete the lease agreement including signing of documents;

AND FURTHER THAT the Rouge Park Alliance be advised of the Authority decision.

BACKGROUND

In 1999 the Province announced that it will be transferring a number of its holdings in the Rouge River Watershed to the Toronto and Region Conservation Authority, including a number of residential and farm rentals. This transfer includes the residence that is located at 2262 Meadowvale Road, City of Toronto which is now vacant. Upon inspection of the property, it was determined that the Former Pearce residence is classified as being historic.

The Friends of the Rouge approached the Authority with their proposal to lease and restore this dwelling for a period of five years and to use this site as their office, with no cost to the Authority, subject to obtaining all necessary approvals and permits. The Friends of the Rouge are an environmental group that presently share space with the Toronto District School Board in the Hillside Outdoor Education Centre across the road from the subject property at 2259 Meadowvale Road. The Friends of the Rouge partner in delivering outdoor education programming at the Centre as well as participate in restoration projects in the Rouge River Watershed. The Friends of the Rouge have very little space at the Centre and creating office space in the Former Pearce house directly across from the Centre is very appealing. The cost of the restoration work is estimated as being \$150,000. The restoration being proposed will upgrade the building to current code and be in compliance with the City of Toronto's Heritage guidelines.

Authority staff understand that the transfer of the Ontario Realty Corporation lands will be completed within the next few weeks and this lease is subject to the transfer being completed.

During the past few years the Authority has entered into similar arrangements with Catherine Tredway and Barn Owl Designs for the restoration and maintenance of an historic dwelling in the Town of Markham and also with the Yeoman Rugby Club for the restoration of the Former Peachey Dwelling in the City of Brampton. To date the dwellings have been restored to the satisfaction of the Authority with no cost to the Authority.

RATIONALE

Discussions have been held with representatives of the Friends of the Rouge and a potential arrangement to would provide for:

- (a) Upgrading of the building to code and the Authority's satisfaction;
- (b) Protection and restoration of a historic and cultural asset, in keeping with the Rouge Park Plan;
- (c) All costs associated with the property being paid by the tenant;
- (d) In the event that the Authority does not extend the agreement for a further five year period, the Authority will reimburse the tenant for costs incurred in connection with the restoration work and in accordance with an established credit formula.
- (e) Create a long term partnership with the Friends of the Rouge.

Report prepared by: Lori Colussi, extension 5303
For Information Contact: Lori Colussi, extension 5303
Date: April 22, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: Carolyn Woodland, Manager, Development Services Section

RE: **APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO REGULATION 158**
Fill, Construction & Alteration to Waterway.

KEY ISSUE

Pursuant to Ontario Regulation 158 written permission from the Authority is required to:

- (a) construct any building or structure or permit any building or structure to be constructed in or on a pond or swamp or in any area susceptible to flooding during a Regional Storm;
- (b) place or dump fill or permit fill to be placed or dumped in the areas described in the schedules whether such fill is already located in or upon such area, or brought to or on such area from some other place or places;
- (c) straighten, change, divert or interfere in any way with the existing channel of a river, creek, stream, or watercourse.

A permit may be refused through a Hearing Process, if in the opinion of the Authority, the conservation of land, control of flooding or pollution is affected.

RECOMMENDATION

THAT permits be granted in accordance with Ontario Regulation 158 for the applications which are listed below:

CITY OF MISSISSAUGA

8.1.1

CITY OF MISSISSAUGA

To construct in a flood plain, place fill within a regulated area on Block A, Plan 670, (1204 Bloor Street), in the City of Mississauga, Etobicoke Creek Watershed as located on the property owned by City of Mississauga.

The purpose is to place fill and undertake minor grading in a regulated area to facilitate the construction of a new trail.

LOCATION MAP: 1204 Bloor Street



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Applewood Trail (Bloor St. to Queen Frederica Dr. along the Little Etobicoke Creek, Drawing Number 1, Prepared by the City of Mississauga Community Services, dated February 2003, red-line revised April 25, 2003 to illustrate areas in which the trail should be further set-back from Etobicoke Creek, and remove reference to in-water construction at the north end, which will be proposed under a separate permit.**
- **Applewood Trail Detail Drawings, Drawing Number 2, Prepared by the City of Mississauga Community Services, dated February 2003.**

Rationale:

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to place fill and undertake minor grading to facilitate the extension of Applewood Trail south of Bloor Street, which is adjacent to Etobicoke Creek. This trail will be an extension to an existing connecting trail located north of Bloor Street which was approved by the Authority on April 7, 2000. The paved (asphalt) trail will be located on lands owned and managed by the City of Mississauga.

Control of Flooding:

The works will occur in the Regional Storm Floodplain, however no significant impacts to the storage and conveyance of streamflows are anticipated as the existing grade will be maintained.

Pollution:

Sediment and erosion control measures will be put in place during construction to reduce the impact on surrounding features. Any surrounding vegetation disturbed during the construction process will be restored to pre-construction condition.

Conservation of Land:

No significant vegetative or geotechnical concerns exist with respect to the proposed trail construction or operation. The works may in fact result in reduced erosion and sedimentation by constructing a defined trail where currently an ad hoc trail exists. There are no fisheries concerns with this proposal.

Policy Guidelines:

The works are consistent with Section - 4.22, Development and Redevelopment/Intensification Within Non-Established Communities/ Highly Urbanized Areas, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34288

Application #: 139/03/MISS

Report Prepared by: Quentin Hanchard, extension 5324

For information contact: Quentin Hanchard, extension 5324

Date: April 23, 2003

CITY OF PICKERING

8.1.2 FIRST SIMCHA SHOPPING CENTRES LTD.

To construct in a flood plain on Part Lot 18, Concession 1, Lot 18, Plan 40R-12591, 1899 Brock Road (at Pickering Parkway), in the City of Pickering, Duffins Creek Watershed as located on the property owned by First Simcha Shopping Centres Ltd.

The purpose is to construct a new 12,000 square metre multi-tenant commercial building at the northern end of the former Metro East Trade Centre site. The proposed development is located within the Regional Storm Floodplain and Special Policy Area for the City of Pickering.

LOCATION MAP: 1899 Brock Road



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Post-Construction Topographic Plan of Part of Lot 18, Concession 1, City of Pickering, Reference No. 99-25-781-05-A, prepared by J.D. Barnes Limited, received March 19, 2003.**
- **Post-Construction Topographic Plan of Part of Lot 18, Concession 1, City of Pickering, Reference No. 99-25-781-05-B, prepared by J.D. Barnes Limited, received March 19, 2003.**
- **Grading Plan SW2, prepared by Stantec Consulting Ltd., received March 19, 2003.**
- **Servicing Plan SW3, prepared by Stantec Consulting Ltd., received March 19, 2003.**

- **Surface Removals Plan, prepared by Stantec Consulting Ltd., received April 11, 2003.**
- **Stormwater Management Design Brief, prepared by Stantec Consulting Ltd., received April 11, 2003.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to construct a new 12,000 square metre multi-tenant commercial building, to be located at the northern end of the former Metro East Trade Centre site. The proposed development is located adjacent to the Sam's Club Warehouse Club which is currently under construction. The new building is also located within an area with similar commercial development and is within the Regional Storm Floodplain and Special Policy Area.

Control of Flooding:

The proposed works are located within the Regional Storm Floodplain and the new structure will be dry-floodproofed to the Regional Storm Flood Level in accordance with Special Policy Area criteria.

Pollution:

A silt fence will be installed between the proposed works and the watercourse prior to construction and maintained during the construction project in order to prevent any sediment from the entering the watercourse which is located over 500 metres away.

Conservation of Land:

The proposed works will replace an existing commercial development and will be located entirely on tableland. The proposed development is consistent with existing development in the corridor reach. No significant resource features will be affected by construction and there are no slope stability/geotechnical issues associated with this development.

Policy Guidelines:

The proposal is in conformity with Section 4.2.2(A) - New Multi-Lot and/or Large Lot Development - of the Authority's Valley and Stream Corridor Management Program.

CFN: 34227

Application #: 100/03/PICK

Report Prepared by: Kevin Huang, extension 5307

For information contact: Russel White, extension 5306

Date: March 21, 2003

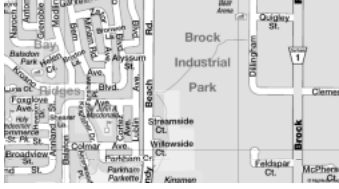
8.1.3

MARK AND SHEILA RISDON

To place fill within a regulated area on Lot 2, Plan 40M-1638, (1501 Streamside Court), in the City of Pickering, Waterfront Watershed as located on the property owned by Mark and Sheila Risdon.

The purpose is to excavate and place fill and undertake grading works within a Fill Regulated Area associated with the Lake Ontario Waterfront in order to facilitate the construction of an inground swimming pool and 0.5 m. high retaining wall in the rear yard.

LOCATION MAP: 1501 Streamside Court



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Plan, date received April 3, 2003 and Cross-Sectional Drawings, date received April 16, 2003, all submitted by applicant.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The subject property is located on the east side of Sandy Beach Road and west of Krosno Creek. The proposed works involve the excavation and placement of fill and grading works within a Fill Regulated Area associated with the Lake Ontario Waterfront in order to facilitate the construction of an inground swimming pool and 0.5 m. high retaining wall in the rear yard on tableland. The retaining wall is removed from the adjacent off-site natural feature and located within the manicured yard of the property.

Control of Flooding:

The entire property is located outside of the Regional Storm Floodplain, therefore the proposed works will have no impact on the storage or conveyance of flood water.

Pollution:

No sedimentation of the watercourse is expected as the proposed works are located approximately 30 metres from Krosno Creek and 250 metres from Lake Ontario.

Conservation of Land:

A small tributary of Krosno Creek previously traversed the subject property which was eliminated during the subdivision development. As a result the subject property no longer contains a valley feature but is still located within a Fill Regulated Area. The proposed works are consistent with existing development in the corridor reach and there are no significant resource features on the site or slope stability/geotechnical issues associated with the project.

Policy Guidelines:

The proposal is consistent with Section 4.2.2(E) - Property Improvements and Ancillary Structures - of the Authority's Valley and Stream Corridor Management Program.

CFN: 34265

Application #: 126/03/PICK

Report Prepared by: Nora Jamieson, extension 5259

For information contact: Nora Jamieson, extension 5259

Date: April 9, 2003

CITY OF TORONTO (ETOBICOKE COMMUNITY)

8.1.4 BOB WELYKANYCZ

To place fill within a regulated area on Lot 10, Concession C FTH, (4146 Dundas Street West), in the City of Toronto (Etobicoke Community Council Area), Humber River Watershed as located on the property owned by Bob Welykanycz.

The purpose is to construct a single level floating slab garage at grade towards the rear of the backyard, on the property located at 4146 Dundas Street West.

LOCATION MAP: 4146 Dundas Street West



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Plan #1, prepared by Bob Welykancz received April 8, 2003.**
- **Letter from Bob Welykanycz dated April 8, 2003.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to construct a single level floating slab garage within a Fill Regulated area of the Humber River. The proposed works are set back a distance of 10 metres from the top of bank and are located in a manicured area of the rear yard.

Control of Flooding:

The subject property is not located within the Regional Storm flood plain. There will be no impact on the storage or conveyance of flood waters.

Pollution:

A sediment control fence will be installed between the works and the valley corridor.

Conservation of Land:

The proposed works are located on a lot that backs onto a valley corridor outside of the Regional Storm flood plain. There are no significant resource features on the site. Engineering staff have reviewed the proposal and are satisfied that the proposed single storey floating slab garage is safely set back from the top of bank. The applicant has planted trees adjacent to where the proposed garage is going to be built, and is going to remove an old shed and debris left over from the previous owner. The applicant shall be improving the existing condition of the site. All excess fill material will be removed from the site as a part of the work and all disturbed areas will be restored through seeding or sodding.

Policy Guidelines:

The proposal is consistent with section 4.2.2 (E) Property Improvements and Ancillary Structures of the Authorities Valley and Stream Corridor Management Program.

CFN: 34261

Application #: 123/03/TOR

Report Prepared by: David Lawrie, extension 5268

For information contact: Russel White, extension 5306

Date: April 8, 2003

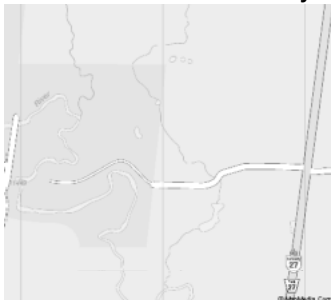
CITY OF VAUGHAN

8.1.5 CITY OF VAUGHAN

To place fill within a regulated area on Lot 10, Concession 9, (Kirby Road), in the City of Vaughan, Humber River Watershed as located on the property owned by City of Vaughan.

The purpose is to conduct grading works in a fill regulated area in order to upgrade sections of Kirby Road between Highway 27 and Huntington Road.

LOCATION MAP: Kirby Road



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Drawing No. 1 - Kirby Road (STA'S -0+010 to 0+300), prepared by R.J. Burnside & Associates Limited, date received April 9, 2003.**
- **Drawing No. 1 - Kirby Road (STA'S -0+300 to 0+600), prepared by R.J. Burnside & Associates Limited, date received April 9, 2003.**
- **Drawing No. 1 - Kirby Road (STA'S -0+600 to 0+900), prepared by R.J. Burnside & Associates Limited, date received April 9, 2003.**
- **Drawing No. 1 - Kirby Road (STA'S -0+900 to 1+009.567), prepared by R.J. Burnside & Associates Limited, date received April 9, 2003.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to conduct grading works in a fill regulated area in order to upgrade sections of Kirby Road between Highway 27 and Huntington Road. The works involve the resurfacing of the existing asphalt road, and the installation of retaining walls, gabion baskets and guard rails along the existing road right-of-way on either side of the road. The proposal is acceptable to staff from both a geotechnical and ecological perspective, as there is no concern for slope stability and no significant natural resource features will be affected.

Control of Flooding:

The proposed works will not be located within the Regional Storm Flood Plain and therefore the control of flooding will not be affected.

Pollution:

Silt fencing will be in place and maintained for the duration of construction in order to prevent sedimentation of the adjacent natural areas.

Conservation of Land:

There are no geotechnical concerns or fisheries issues associated with this project, and no significant natural heritage features will be affected. All disturbed areas will be stabilized and restored to the satisfaction of staff.

Policy Guidelines:

This proposal is consistent with Section 4.3, Infrastructure and Servicing, in the Authority's Valley and Stream Corridor Management Program.

CFN: 34250

Application #: 116/03/VAUG

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: April 2, 2003

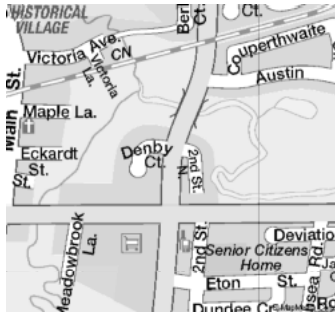
TOWN OF MARKHAM

8.1.6 MARCO POLSINELLI

To place fill within a regulated area on Part Lot 1, Plan 65M-2100, (2 Denby Court), in the Town of Markham, Rouge River Watershed as located on the property owned by Marco Polsinelli.

The purpose is to excavate and place fill within a Fill Regulated Area in order to facilitate the construction of a residential dwelling.

LOCATION MAP: 2 Denby Court



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Lot Drainage and House Siting Control Plan, Part of Lot 1, Registered Plan 65M-2100, Town of Markham, prepared by David Horwood Limited, dated March 28, 2003.**
- **Letter from John Rule, P.Eng., Johnson Sustromk Weinstein & Associates, dated April 8, 2003, verifying flood depth and velocity protection.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to construct a two storey dwelling in the Town of Markham. The entire property falls within a Fill Regulated Area and is located within the Markham Special Policy Area (SPA).

Control of Flooding:

The proposed development is located within the Unionville SPA; however, the structure is to be situated above the Regional Storm level of 174.01 metres. The control flooding will not be affected by the proposed works. All excavated material is to be removed from site.

Pollution:

Sedimentation of the watercourse will be prevented with sediment fencing, which will be erected before construction is undertaken and removed upon completion.

Conservation of Land:

There are no slope instability or geotechnical issues evident at this site. No significant resource features will be impacted by the proposed works; and all disturbed and graded areas will be restored following construction.

Policy Guidelines:

The proposal complies with Section 4.2.1 B - Development Guidelines for Development/Redevelopment within Designated Two Zone Area or Special Policy Area and Section 4.2.2 G - Infilling of the Authority's Valley and Stream Corridor Management Program.

CFN: 34165

Application #: 137/03/MARK

Report Prepared by: Kellie McCormack, extension 5269

For information contact: Mary-Ann Burns, extension 5267

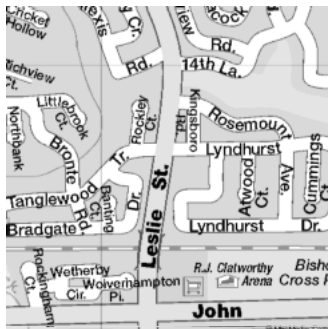
Date: April 17, 2003

8.1.7 PAUL MANDEL

To place fill within a regulated area on Block 22, Plan 65M-2123, Block 42, Plan 65M-2159, (6 Rockley Court), in the Town of Markham, Don River Watershed as located on the property owned by Paul Mandel.

The purpose is to excavate and place fill within a Fill Regulated area in order to construct an in-ground pool and associated landscaped features in the backyard of the subject property.

LOCATION MAP: 6 Rockley Court



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Surveyor's Real Property Report, Part 1, Block 42, Plan 65M-2159 and Block 22, Plan 65M-2123, Town of Markham prepared by Vladimir Krcmar Ltd. dated March 13, 1996.**
- **Site Plan #1, submitted by Paul Mandel received April 11, 2003.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to place and remove fill and to alter the grades for the development of an inground pool and related landscaping in the backyard of the subject property. The work includes the installation of the pool/spa, a shed, a waterfall and a related patio. A portion of the work is located within the Fill Regulated Area of the Don River. The works are located on a lot in an approved plan of subdivision adjacent to a stream corridor of the Don River.

Control of Flooding:

The subject property is not located within the Regional Storm Floodplain. There will be no impact on the storage or conveyance of flood waters.

Pollution:

A sediment control fence will be installed between the work area and the stream corridor along the rear of the subject property line.

Conservation of Land:

The proposed works are located on a lot that backs onto a stream corridor outside the Regional Storm floodplain. There are no significant resource features on the site. There are no geotechnical issues related to the proposal. All excess fill material will be removed from the site as a part of the work. The proposed setback from the stream corridor is consistent with adjacent properties along the corridor reach.

Policy Guidelines:

The proposal is consistent with section 4.2.2. (E) Property Improvements and Ancillary Structures of the Authorities Valley and Stream Corridor Management Program.

CFN: 34278

Application #: 133/03/MARK

Report Prepared by: David Lawrie, extension 5268

For information contact: Mary-Ann Burns, extension 5267

Date: April 14, 2003

8.1.8 TOWN OF MARKHAM

To alter a waterway on Lot 16, 17, 18, Concession 6, (north of 16th Avenue, between Kennedy Road and McCowan Road), in the Town of Markham, Rouge River Watershed as located on the property owned by Town of Markham.

The purpose is to construct a storm sewer outfall to Burndenet Creek in order to service the adjacent park within the community of Berczy Village in Markham.

LOCATION MAP: north of 16th Avenue, between Kennedy Road and McCowan Road



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Drawing L1 - Layout Plan, prepared by Cosburn Giberson Consultants Inc., date received January 31, 2003.**
- **Drawing L2 - Grading Plan, prepared by Cosburn Giberson Consultants Inc., date received January 31, 2003.**
- **Drawing L3 - Underground Services Plan, prepared by Cosburn Giberson Consultants Inc., date received January 31, 2003.**
- **Drawing L4 - Planting Plan, prepared by Cosburn Giberson Consultants Inc., date received January 31, 2003.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to construct a storm water outfall to Burdenett Creek, a tributary of the Rouge River. The outfall will service a park, being constructed by the Town of Markham adjacent to the Creek. The park block is within the approved Berczy Village Secondary Plan area.

Control of Flooding:

Staff are satisfied that the proposed storm water outfall is appropriately designed so as not to affect the control of flood waters.

Pollution:

Sedimentation of the adjacent watercourse will be prevented with the installation and maintenance of silt fencing for the duration of construction.

Conservation of Land:

There are no geotechnical or fisheries issues associated with the project, and the proposal will not affect any significant natural resource features. The park will be planted, and any disturbed areas associated with the outfall construction will be restored, in accordance with a planting plan satisfactory to Authority staff.

Policy Guidelines:

This proposal is consistent with Section 4.3, Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34072

Application #: 061/03/MARK

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: February 18, 2003

TOWN OF RICHMOND HILL

8.1.9 ARPUN AND SHEILA TORIKIAN

To place fill within a regulated area on Lot 224, Plan 65M-3209, (33 Yukon Drive), in the Town of Richmond Hill, Don River Watershed as located on the property owned by Arpun and Sheila Torikian.

The purpose is to place and remove fill within a Fill Regulated Area in order to install an in-ground swimming pool in the backyard of the property.

LOCATION MAP: 33 Yukon Drive



The permit will be issued for the period of May 2, 2003 to May 1, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Plan #1 by Arpun Torikian, Yukon Drive, Lot 224 received April 8, 2003**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The purpose is to place and remove fill to facilitate the construction of a 32 ft. x 14 ft. in-ground pool within a Fill Regulated Area of the Don River. The works are located on a lot in an approved plan of subdivision adjacent to a stream corridor of the Don River.

Control of Flooding:

The property is not located within the Regional Storm floodplain. There will be no impact on the storage or conveyance of flood waters.

Pollution:

A sediment control fence will be installed between the works and the stream corridor along the fence line of the owners property.

Conservation of Land:

There are no significant resource features on the site and there are no fisheries or geotechnical issues related to the proposal. All excess fill material will be removed from the site as part of the work.

Policy Guidelines:

The proposal is consistent with section 4.2.2 (E), Property Improvements and Ancillary Structures, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34260

Application #: 124/03/RH

Report Prepared by: David Lawrie, extension 5268

For information contact: Mary-Ann Burns, extension 5267

Date: April 9, 2003

THE FOLLOWING PERMIT APPLICATIONS ARE ERRATA ITEMS:

Staff's recommendation for approval is based upon the review and acceptance of additional information from the applicant. The applicant has been informed that the information outstanding must be reviewed and accepted by staff prior to the Executive Committee Meeting. Staff will advise that this application be withdrawn from the Executive Committee Agenda should this information remain outstanding.

CITY OF BRAMPTON

8.1.10 FANSHORE INVESTMENTS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on East Half Lot 14, Concession 7 NDS, (West Side of Goreway Drive between Rose Garden Drive and Cynthia Crescent), in the City of Brampton, Humber River Watershed as located on the property owned by Fanshore Investments Inc.

The purpose is to place and remove fill within a regulated area and within the Regional Storm Floodplain to facilitate the construction of a stormwater management facility to service an adjacent Draft Approved Plan of Subdivision.

LOCATION MAP: West Side of Goreway Drive between Rose Garden Drive and Cynthia Crescent



The permit will be issued for the period of May 2, 2003 to May 1, 2008.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The purpose is to place and remove fill within a regulated area and within the Regional Storm Floodplain to facilitate the construction of a stormwater management facility to service an adjacent Draft Approved Plan of Subdivision. The stormwater facility is located in a relatively flat area void of significant vegetation and any defined top of bank. In accordance with Authority policies, the pond is setback outside of the meander belt and the 100 year floodplain limit of the adjacent watercourse. In considering this pond location during the review of the master environmental servicing plan, Authority staff accepted a complimentary proposal for restorative plantings within the adjacent stream corridor. These planting plans are also included as part of this permit application.

Control of Flooding:

There are no expected impacts to the storage and conveyance of storm flows as a result of this proposal based primarily on the maintenance of existing elevations.

Pollution:

Sediment and erosion control fencing will be installed around the construction areas to mitigate against the overland migration of sediment to the watercourse. All disturbed areas are to be stabilized and restored following construction.

Conservation of Land:

There are no impacts to significant vegetation or fisheries or geotechnical issues associated with this proposal.

Policy Guidelines:

This proposal is consistent with Section 4.3, Infrastructure and Serving, of the Authority's Valley and Stream Corridor Management Program.

CFN: 33695

Application #: 410/02/BRAM

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Brian Casagrande, extension 5311

Date: October 30, 2002

CITY OF TORONTO (SCARBOROUGH COMMUNITY

8.1.11 MORNINGSIDE HEIGHTS LANDOWNERS GROUP LIMITED

To place fill within a regulated area (Staines Road and Steeles Avenue East), in the City of Toronto (Scarborough Community Council Area), Rouge River Watershed as located on the property owned by City of Toronto.

The purpose is to widen Steeles Avenue partially within the Fill Regulated Area for the Rouge River Watershed.

LOCATION MAP: Staines Road and Steeles Avenue East



The permit will be issued for the period of May 2, 2003 to May 1, 2005.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The applicant proposes to widen and improve sight lines by reducing the road profile along Steeles Avenue. The works are required to facilitate the new Staines Road connection to Steeles which will service the developing Morningside Heights Community. The majority of the widening is on tableland and will not impact the valley. However, a small portion of the roadway works are within the Fill Regulated Area and on lands owned by the TRCA. The works are more than 30 metres from the watercourse.

Control of Flooding:

The works are not within the Regional Storm Floodplain. As a result there will be no impacts on the control of flooding.

Pollution:

Sediment Control fencing will be erected to ensure that deleterious material will not enter the watercourse. In addition rock check dams will be placed within the road ditches to reduce the migration of sediments. Finally, the applicant will establish vegetation groundcover immediately, to reduce erosion impacts.

Conservation of Land:

Tree removal will occur on the south side of Steeles Ave. within the existing road right-of-way. In compensation for the tree removal, the applicant has agreed to contribute to a planting program being undertaken by the Rouge Park. All disturbed area will be restored to the satisfaction of TRCA staff.

Policy Guidelines:

The works are in compliance with Section 4.3.1 Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program. There are no fisheries issues with this project.

CFN: 34255

Application #: 120/03/TOR

Report Prepared by: Russel White, extension 5306

For information contact: Russel White, extension 5306

Date: April 4, 2003

TOWN OF CALEDON

8.1.12 GEORGIAN TAYLOR WOODS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 8, Concession 7, in the Town of Caledon, Humber River Watershed as located on the property owned by Georgian Taylor Woods Inc./Toronto and Region Conservation Authority.

The purpose is to place and remove fill within a Fill Regulated Area and the Regional Storm Floodplain to facilitate the construction of two stormwater outfalls to service a Draft Approved Plan of Subdivision in Bolton.

LOCATION MAP: Lot 8, Concession 7



The permit will be issued for the period of May 2, 2003 to May 1, 2008.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The purpose is to place and remove fill within a Fill Regulated Area and the Regional Storm Floodplain to facilitate the construction of two stormwater outfalls to service a Draft Approved Plan of Subdivision in Bolton, located northwest of King Street and Eighth Line.

One of the stormwater outfalls adjacent to the main Humber will occur on Authority owned lands and has recently obtained easement approval from the Authority subject to certain conditions which include obtaining this permit approval. This outfall is located within the Regional Storm Floodplain of the Humber River. The setback from the watercourse for these works has also been maximized and existing grades will be maintained. The outfall has been designed according to TRCA natural design criteria.

The second stormwater outfall is on lands owned by the applicant and will outlet into the Cold Water Creek which is a tributary to the Humber River. The outfall will be located at the base of the valley slope and setback more than 30 metres from the watercourse. It will be designed using natural design criteria, resulting in diffused flows which minimizes disturbance to the forest community and mitigates against potential erosion to the valley slope.

Control of Flooding:

All works will not significantly impact upon the storage or conveyance of stormflows as the stormwater outfall located within the Regional Storm Floodplain will maintain existing grade elevations.

Pollution:

Sediment and erosion control measures will be incorporated into all proposed works to mitigate against the overland migration of sediment into the watercourse. All disturbed areas will be restored following construction with appropriate native vegetation.

Conservation of Land:

The loss of significant vegetation as a result of the proposed works will be minimized and any losses compensated by the restoration of similar native plant materials. There are no geotechnical or fisheries concerns related to this proposal.

Policy Guidelines:

This proposal is consistent with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 33711

Application #: 418/02/CAL

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Brian Casagrande, extension 5311

Date: November 4, 2002

TOWN OF RICHMOND HILL

8.1.13 JOSEPH KREINER

To place fill within a regulated area on Part Lot 50, Concession 1 WYS Part Lot 9, 10, Plan 1999, (711 Elgin Mills Road West), in the Town of Richmond Hill, Don River Watershed as located on the property owned by Joseph Kreiner.

The purpose is to place fill in a fill regulated area in order to plant and seed a disturbed natural area adjacent to a treed valley slope. The area was disturbed by the placement of fill without permission pursuant to Ontario Regulation 158. The placement of top soil, seed, and plants will serve to restore and enhance the disturbed area..

LOCATION MAP: 711 Elgin Mills Road West



The permit will be issued for the period of May 2, 2003 to May 1, 2005.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to place fill in a fill regulated area by placing top soil to facilitate planting and seeding adjacent to an existing treed portion of a valley slope. The planting plan consists of a native, non-invasive seed mix and woody species, in appropriate densities and quantities to staff's satisfaction. The top soil, seed, and plants will serve to restore and enhance the adjacent treed valley slope, that was filled without permission pursuant to Ontario Regulation 158.

Control of Flooding:

The proposed works will not be situated within the Regional Storm Flood Plain, and therefore the control of flooding will not be affected.

Pollution:

Silt fencing will be installed and maintained for the duration of the work, so that sedimentation of the valley and the adjacent watercourse will be prevented.

Conservation of Land:

There are no geotechnical or fisheries issues related to the project. The adjacent mature tree community on the valley slope was affected by the placement of fill, which has served to suffocate the roots of the trees on the edge of the community. The planting plan, comprised of woody, native, non-invasive species, was reviewed to staff's satisfaction, and will restore and enhance the edge of the tree community.

Policy Guidelines:

The proposal is consistent with Section 4.2.2 E) of the Authority's Valley and Stream Corridor Management Program.

CFN: 33930

Application #: 020/03/RH

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: January 15, 2003

8.1.14 MARK YOUSSEF

To alter a waterway, place fill within a regulated area on Lot 65, Concession 1, (638 Sunset Beach Road), in the Town of Richmond Hill, Humber River Watershed as located on the property owned by Mark Youssef.

The purpose is to alter a watercourse, place fill and alter existing grades in a regulated area to facilitate the construction of a single family dwelling on an existing lot of record.

LOCATION MAP: 638 Sunset Beach Road



The permit will be issued for the period of May 2, 2003 to May 1, 2005.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to place fill / regrade within a regulated area to facilitate the construction of a single family residential dwelling on an existing lot of record. The proposal also includes the alteration of a small watercourse through a driveway crossing. The watercourse does not provide direct fish habitat, rather functions to convey flows between an off site wetland and a wetland located on this and the adjacent lot. The subject property falls entirely within a Fill Regulated area associated with Lake Wilcox (Humber River watershed) and is within the Town of Richmond Hill OPA 129 planning area, with frontage on Lake Wilcox.

Control of Flooding:

The small watercourse traversing the site has an extremely small drainage area (less than 10 ha) and is therefore not managed as a Regional Flood Plain. All of the works proposed are located outside of the flood plain limits associated with Lake Wilcox. The proposal will not impact on the storage or conveyance of flood waters.

Pollution:

Watercourse works will be completed prior to any other site disturbance with a temporary rock check dam in place at the downstream end. Upon completion of the watercourse works, sediment and erosion controls (silt fence) will be installed and remain in place until the works are completed. In light of the aforementioned, staff do not anticipate sedimentation of any downstream features.

Conservation of Land:

The existing lot is currently well vegetated between the proposed dwelling and Lake Wilcox. The siting of the residence and proposed amenity spaces minimize impact on the features and functions of the site. All disturbed areas, outside of the amenity spaces, will be rehabilitated with native, non-invasive vegetation. Staff has determined that the small watercourse on site provides a water conveyance function and does not constitute in situ fish habitat. With sediment and erosion controls in place there will not be a Harmful Alteration, Disruption or Destruction of fish habitat (HADD). All works associated with this proposal are located no less than 20 metres from Lake Wilcox, and 10 metres from the Flood Line.

Policy Guidelines:

The proposal is consistent with Section 4.2.2 G) (Infilling) of the Authority's Valley and Stream Corridor Management Program.

CFN: 33983

Application #: 044/03/RH

Report Prepared by: Sandra Malcic, extension 5217

For information contact: Laurie Nelson, extension 5281

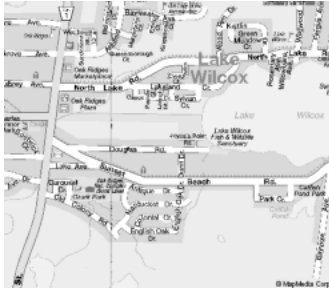
Date: March 24, 2003

8.1.15 SALIB YOUSSEF

To place fill within a regulated area on Lot 65, Concession 1 Part Lot 65, Plan 65R-14270, (634 Sunset Beach Road), in the Town of Richmond Hill, Humber River Watershed as located on the property owned by Salib Youssef.

The purpose is to place fill and alter existing grades in a regulated area to facilitate the construction of a single family dwelling on an existing lot of record.

LOCATION MAP: 634 Sunset Beach Road



The permit will be issued for the period of May 2, 2003 to May 1, 2005.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to place fill / regrade within a regulated area to facilitate the construction of a single family residential dwelling on an existing lot of record. The subject property falls entirely within a Fill Regulated area associated with Lake Wilcox (Humber River watershed) and is within the Town of Richmond Hill OPA 129 planning area, with frontage on Lake Wilcox.

Control of Flooding:

All of the works proposed are located outside of the flood plain limits associated with Lake Wilcox. The proposal will not impact on the storage or conveyance of flood waters.

Pollution:

Sediment and erosion controls (silt fence) will be installed and remain in place until the works are completed. In light of the aforementioned, staff do not anticipate sedimentation of any downstream features.

Conservation of Land:

The existing lot is currently well vegetated between the proposed dwelling and Lake Wilcox. The siting of the residence and proposed amenity spaces minimize impact on the features and functions of the site. All disturbed areas, outside of the amenity spaces, will be rehabilitated with native, non-invasive vegetation. All works associated with this proposal are located no less than 20 metres from Lake Wilcox, and 10 metres from the Flood Line.

Policy Guidelines:

The proposal is consistent with Section 4.2.2 G) (Infilling) of the Authority's Valley and Stream Corridor Management Program.

Application #: 043/03/RH

CFN: 33984

Report Prepared by: Sandra Malcic, extension 5217

For information contact: Laurie Nelson, extension 5281

Date: February 3, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: Brian Denney, Director, Watershed Management Division

RE: FLOODPLAIN MAPPING SCANNING AND VECTORIZATION PROJECT FOR THE DON RIVER (SOUTH OF STEELES AVE.) AND DUFFINS CREEK WATERSHEDS

KEY ISSUE

Approval to retain QSP Geographics Ltd. to convert TRCA Don River (south of Steeles Ave.) and Duffins Creek 1:2000 scale floodplain mapping to digital format in order to facilitate the update and management of Flood and Regulation Line Mapping.

RECOMMENDATION

THAT the Authority enter into an agreement with QSP Geographics Ltd. to complete the conversion of 48, 1:2000 scale analogue floodplain map sheets, of which 31 are located within the Don River and 17 within the Duffins Creek Watersheds. The cost per map sheet is \$1,200 and \$1,100 for the Don River and Duffins Creek Watersheds respectively. The maximum upset limit for this project will not exceed \$55,900 excluding applicable taxes.

BACKGROUND

One of the main objectives identified within the TRCA's Valley and Stream Corridor Management Program (VSCMP) is to maintain and provide current hydrologic, hydraulic and mapped information for use by the Authority and others, and to incorporate improved technologies as they become available. In keeping with the intent of the VSCMP, and in order to continue to provide accurate floodplain management information, the Water Management Division has prepared a Floodplain Management Work Plan to identify watershed specific requirements necessary to update the Authority's current Flood and Regulation Line Mapping. Priority watersheds identified within the Work Plan include the Don River and Duffins Creek given the extent of previous, current and future development activities.

A visual screening process has been completed to compare topographic and planimetric features contained on the Authority's 1977 based analogue mapping with recent aerial photography (Year 2000) to determine where significant changes warrant the preparation of new base mapping. From this assessment, it was determined that approximately 48 analogue map sheets within the Don River (south of Steeles Ave.) and Duffins Creek Watersheds have not significantly changed subsequent to the original date of completion. It is proposed to convert these 48 analogue map sheets into digital format in order to allow TRCA staff to continue to update base mapping information as future changes occur and to facilitate integration with new digital mapping. For those map sheets where significant changes have occurred, the preparation of new digital mapping is required.

A review of available technologies concluded that the most cost effective method available to convert current TRCA analogue mapping into digital format is through a scanning and vectorization process. The process, offered only through QSP Geographics Inc., involves scanning the hard copy map sheets into the computer as raster images and vectorizing key features (i.e., contours, watercourses, culverts, bridges etc.) into individual, unique lines through proprietary software developed specifically for this application. In addition, QSP Geographics has committed to deliver the final product within 12 weeks of project initiation and have provided a detailed cost which represents a substantial cost savings when compared to the preparation of new digital base mapping at approximately \$3,500 per sheet.

In light of the above, it is recommended that this work be sole sourced to QSP Geographics Ltd.

FINANCIAL DETAILS

Funds required to complete this project are available within the approved 2003 Floodplain Management budget account #115-85. A maximum upset limit of \$55,900 exclusive of applicable taxes has been set for this project.

Report prepared by: Sameer Dhalla, extension 5350
For Information contact: Sameer Dhalla, extension 5350
Date: April 16, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: Brian Denney, Director, Watershed Management Division

RE: HSP-F MODEL REFINEMENT FOR THE ROUGE RIVER AND HIGHLAND CREEK WATERSHEDS

KEY ISSUE

To sole source the hiring of Aquafor Beech Limited for the refinement of the Hydrologic Simulation Program-Fortran (HSP-F) model for the Rouge River and Highland Creek Watersheds.

RECOMMENDATION

THAT the consulting firm of Aquafor Beech Limited be retained to refine the HSP-F model for the Rouge River and Highland Creek Watersheds, at a cost not to exceed \$46,150, excluding GST.

BACKGROUND

In 1987 the International Joint Commission designated Toronto as one of the 42 areas of concern around the Great Lakes where efforts are required to restore environmental quality. As a result a Remedial Action Plan (RAP) was prepared for the restoration of our polluted waterways and waterfront. Human activity in particular, through the discharge of various pollutants into the natural environment has led to the pollution of Lake Ontario and its contributing watersheds. Wet weather flow has been identified as a significant source of this pollution.

Building on the RAP, the City of Toronto's Wet Weather Flow Management Master Plan (WWFMMP) provides essential information on how to restore environmental quality and ultimately delist Toronto as an Area of Concern. The WWFMMP arose from the Environmental Assessment Advisory Committee report of 1994 on the City of Toronto is proposed Western Beaches Storage Tunnel, which identified the need for Wet Weather Flow Management Master planning on a watershed basis to restore beneficial use within the watersheds. Subsequently, this plan was adopted by the Province of Ontario.

The Wet Weather Flow Management Master Plan provides an integrated work program for managing wet weather flow in the City of Toronto using an ecosystem approach. The Plan addresses the six main watersheds within our jurisdiction, including the Etobicoke Creek, Mimico Creek, Humber River, Don River, Rouge River, and Highland Creek Watersheds, and establishes priorities for wet weather flow management projects.

Aquafor Beech Limited was hired by the City of Toronto to complete the WWFMMP for the Rouge River and Highland Creek Watersheds. As part of the study, Aquafor Beech Limited established a HSP-F hydrologic model for the Rouge River and Highland Creek Watersheds. Although the models were set up on a watershed basis, the calibration and analysis focused primarily on the City of Toronto. Given the availability of additional land use, rain gauge and precipitation and water quality data, the models can be refined and used for further analysis including water quality modeling and water balance analysis. The water balance analysis, which provides infiltration rates and recharge reduction targets, will satisfy the requirements of the Oak Ridges Moraine Act. The water quality modeling and analysis will be conducted on the Rouge River watershed and will form the basis for characterization of surface water chemistry and pollutant loading for the State of the Watershed Report. This water quality modeling will also contribute to the settling of water quality targets and the Rouge River Watershed Management Plan as required by the Oak Ridges Moraine Act.

City of Toronto staff have expressed an interest in having TRCA staff trained in the operation and maintenance of the HSP-F watershed models. This project will initiate the training of TRCA technical staff.

The following is a list of tasks to be undertaken as part of the HSP-F Model Refinement for the Rouge River and Highland Creek Watersheds:

- Background Review and Data Analysis
- Model Update and Verification
- Hydrologic Analysis (various land use scenarios)
- Water Quality Analysis (wet- and dry-weather conditions for two land use scenarios)
- Reporting

Note: Training of TRCA staff is included in the cost estimate

RATIONALE

Rather than request proposals from a number of consultants, it is proposed to sole source this work to Aquafor Beech Limited given this firm's previous experience with the City of Toronto Wet Weather Flow Management Master Plan modeling work and knowledge of the watershed and hydrologic models would provide significant efficiencies.

FINANCIAL DETAILS

An upset limit of \$46,150 excluding GST has been established by Aquifer Beech Limited to complete the scope of work required. Funding is available in the following accounts to undertake this project: Toronto Water Budget (113-44), York Region Water Budget (122-02), Rouge Rural Water Quality Management Plan (120-10).

Report prepared by: Grace Tesa, extension 5659

For Information contact: Glenn MacMillan, extension 5212

Date: April 16, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: James W. Dillane, Director, Finance and Business Development

RE: INSTALLATION OF COMMUNICATION DUCT NETWORK - CENTRE FOR SUSTAINABLE LIVING AT KORTRIGHT

KEY ISSUE

The awarding of a contract to install a Communication Duct Network at the Centre for Sustainable Living at Kortright

RECOMMENDATION

THAT the firm of R B Somerville be awarded the contract to install a Communication Duct Network at the Centre for Sustainable Living at Kortright for the sum of \$40,479.00 plus appropriate taxes.

BACKGROUND

As part of the lease agreement with The Earth Rangers Foundation for the wildlife care facility currently under construction within the lands at the Kortright Center for Conservation, arrangements have been made for Bell Canada to install the appropriate communication network (including high speed fiber optic and copper wire). The development of the wild life care facility has provided an opportunity for the Authority to upgrade the communication network at Kortright. In this case the Authority will be responsible for bringing the high speed fiber optic and copper wire from Pine Valley Drive to the Kortright building. The Earth Rangers Foundation is responsible for the installation and all costs related to connecting the wild life care facility to the Kortright building.

The subject quotations are for the conduit installation from Pine Valley Drive to the Kortright building, nearly 700 meters in length. This path will allow both the Kortright building and The Earth Ranger Foundation wild life care facility to utilize the communication network. To facilitate the installation of the communication network by Bell Canada, duct work (underground conduit) is required to be installed by TRCA. The specifications required by Bell Canada included 2 x 4" conduits, 2 splice boxes and 1 pull box. Each of the quotes received meets this requirement.

The following table indicates the detail of 2 outside quotes received for this work:

Contractor	Installation Method	Cost	Conduit Type	Other
T&C Communications	Directional Boring	\$ 70,656	High Density Polyethylene (Boring)	2 Splice box & 1 Pull Box (interior Kortright)
R B Somerville	Trenching with Directional Boring at Creek	\$ 40,479	PVC Type 2 (Trench) High Density Polyethylene (Boring)	Total 3 Splice Boxes & 1 Pull Box (interior Kortright)

In addition, an estimate was prepared for the cost of doing the work internally. The estimate this is \$65,000.

FINANCIAL DETAILS

Funding for this work is available under account 408-22.

Report prepared by: Peter Wigham, extension 5273

For Information contact: Peter Wigham, extension 5273 and Ron Dewell, extension 5245

Date: April 16, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: Brian Denney, Director, Watershed Management Division

RE: DON RIVER WATERSHED HYDROLOGY UPDATE

KEY ISSUE

To sole source the Don River Watershed Hydrology Update to the consulting firm of Marshall Macklin Monaghan Ltd.

RECOMMENDATION

THAT the Authority retain Marshall Macklin Monaghan to undertake the Don River Watershed Hydrology Update, at a cost not to exceed \$25,000, excluding applicable taxes.

BACKGROUND

The hydrologic model for the Don River watershed was originally formulated in the late 1970's and subsequently updated by Marshall Macklin Monaghan in 1992. Since that time many issues have arisen requiring that the hydrology be updated. The current Don River hydrological model is based on the HYMO computer program, which is not commonly used in the industry today. The HYMO model has gone through several transformations over the years, the latest being Visual OTTHYMO (Version 2.0) which is gaining usership in the industry today. Although it is not expected that the results of the previous modelling will change significantly, it is critical that the Don River hydrologic model remain current so that it can be used and referred to into the future.

There has been significant development in the Watershed over the past ten years that should be incorporated into the model. Recent streamflow and precipitation data is also available for input into the model. For example, in May 2000, there was a critical storm event which resulted in a flood that ranged from a 25-year to 100-year event depending on the location in the Don River Watershed. The data from this storm event can be used to further calibrate and verify the performance of the model. It is important to revise the existing model with new data to reflect current conditions.

The negative impacts associated with increased urbanization within the Don River Watershed has driven the City of Toronto to recently complete the Wet Weather Flow Management Master Plan (WWFMMP). The WWFMMP provides significant data and identifies various projects required to improve water quality and quantity within the City of Toronto. This presents an opportunity to use the recently updated land use data, statistics collected and HSPF model for the Don River to update the TRCA hydrologic model.

This project will provide a greater understanding of the current hydrology within the Don River Watershed which will enable the Authority to revise and improve various Watershed Management objectives.

RATIONALE

Rather than request proposals from a number of consultants, it is proposed to sole source this work to Marshall Macklin Monaghan. Marshall Macklin Monaghan completed the previous Don River Hydrology update and was recently involved with the City of Toronto WWFMP for the Don River Watershed. Their existing knowledge of the Don River hydrology will enable them to complete the update in a cost effective manner.

FINANCIAL DETAILS

Authority staff have provided a detailed task list to Marshall Macklin Monaghan Ltd. for which they have provided a quote of \$25,000, exclusive of GST. Staff are of the opinion that this amount represents good value for the extent of work requested.

Report prepared by: Sameer Dhalla, 5350

For Information contact: Sameer Dhalla, 5350

Date: April 22, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: Brian Denney, Director, Watershed Management Division

RE: TERRESTRIAL NATURAL HERITAGE PROGRAM
Planning Consultant Selection

KEY ISSUE

Hire planning consultant to facilitate articulation of Terrestrial Natural Heritage Program science into planning framework

RECOMMENDATION

THAT Anthony Usher be retained by the Authority at an upset limit of \$20,520 including GST to facilitate discussions, and provide expert planning advice during the first phase of the development of the Terrestrial Natural Heritage Strategy

BACKGROUND

The Terrestrial Natural Heritage Program has been noted as one of the key components of the TRCA's Living City Vision. Achievement of the Living City Vision requires the crafting and implementation of an implementation framework which reflects the complexities of the Terrestrial Natural Heritage Program, as summarized in the Terrestrial Natural Heritage Strategy.

Drafting these policies will be a collaborative effort of TRCA staff and an expert external consultant. During the first phase of the Strategy's development, the consultant will act as a facilitator who will provide advice and opinion, and facilitate discussions during the development of a preliminary working draft of the Terrestrial Natural Heritage Strategy. If needed, a consultant may be further retained to assist in future phases to complete the Strategy by the end of 2003. Separate contracts, if necessary, will be negotiated beyond the first phase.

RATIONALE

The Terrestrial Natural Heritage Strategy will provide policy directions for the Authority. As a ground breaking document and an important part of the scientific foundation of the Authority's new Vision, expert opinion and advice is required to assist Authority staff in articulating an implementation framework and new policies that reflect the complexities of the Terrestrial Natural Heritage Program.

Several planning consultants involved with municipal and/or TRCA policy were considered for this contract, but because of Anthony Usher's expertise, it is recommended that he in particular be retained. Mr. Usher has the expertise necessary to assist in the timely completion of the Terrestrial Natural Heritage Strategy because of his work in resource based management planning for both the Province and as a consultant to private industry, and most relevant to the Terrestrial Natural Heritage Strategy, his experience with community groups and conceptual policy for the Oak Ridges Moraine Conservation Plan. Mr. Usher is also a well known and respected member of the planning community, and has served as President of the Ontario Professional Planners Institute from 1992-1994.

If retained, Mr. Usher will lead regular workshops and discussions with Authority staff which will assist in the writing of sections of the working draft. If necessary, new contracts may be negotiated to further refine the draft for external review and public consultations, yet there is no commitment to retain Mr. Usher beyond the first phase of Strategy development.

Report prepared by: Scott Jones, extension 5383
For Information contact: Carolyn Woodland, extension 5214
Date: March 25, 2003

TO: Chair and Members of the Executive Committee
Meeting #4/03, May 2, 2003

FROM: Brian Denney, Director, Watershed Management Division

**RE: MARINE ARCHAEOLOGY SERVICES FOR THE PORT UNION
WATERFRONT IMPROVEMENT PROJECT**

KEY ISSUE

To retain the services of Archaeological and Heritage Consulting and Education to undertake a Stage 3 Archaeological Resource Assessment for cribworks located between Highland Creek and the Port Union Node, in Scarborough.

RECOMMENDATION

THAT the firm of Archaeological and Heritage Consulting and Education be retained to undertake a Stage 3 Archaeological Resource Assessment of the cribworks, identified in the Phase 2 resource inventory, from Highland Creek to the Port Union Node, at an upset limit of \$18,546, excluding GST.

BACKGROUND

At its meeting #5/01 held on June 22, 2001, the Authority adopted Resolution #A103/01, providing direction that staff proceed expeditiously in obtaining the outstanding regulatory approvals required for implementation of the Port Union Waterfront Improvements Project. On May 2, 2001, the Minister of Environment issued a Notice of Approval to Proceed with the Port Union Waterfront Improvements Project, which included conditions of approval. Approval from the Ministry of Culture for any in water works that may have an impact on cultural heritage resources identified in the Port Union area, was highlighted. Over the last couple of years the Authority has retained marine archaeology services to prepare the documentation required by the Ministry of Culture, for the lands immediately adjacent to the Port Union Pedestrian node. This work was approved by the Ministry of Culture enabling construction of the node to proceed in the fall of 2002.

A Stage 3 Archaeological Resource Assessment is required by the Ministry of Culture for archaeological resources identified as part of the Stage 2 archaeological resource inventory work completed by McQuest Marine Science Limited, in 2002. This assessment will focus on crib structures located in two locations, to the west of the pedestrian node, specifically along the beach at the mouth of Highland Creek. This assessment must be completed and approved by the Ministry prior to construction commencing on that portion of the shoreline. The proposed methodology for this phase of work has been forwarded to the Ministry of Culture and they have concurred with the strategy for the mapping and documentation of the cribbing.

RATIONALE

TRCA staff have worked closely with Archaeological and Heritage Consulting and Education to develop a methodology that would fulfill the requirements of the Ministry of Culture as well as providing an efficient and cost effective strategy for this work. TRCA staff and resources will be utilized wherever possible to minimize the expenses related to the assessment work.

Archaeological and Heritage Consulting and Education is the only company currently available in Ontario, qualified to undertake this archaeological resource assessment.

FINANCIAL DETAILS

The \$18,546 plus GST, expenditure for this archaeological assessment work will be provided within Account #223-01.

Report prepared by: Nancy Gaffney, extension 5313

For Information contact: Nancy Gaffney, extension 5313

Date: April 22, 2003